

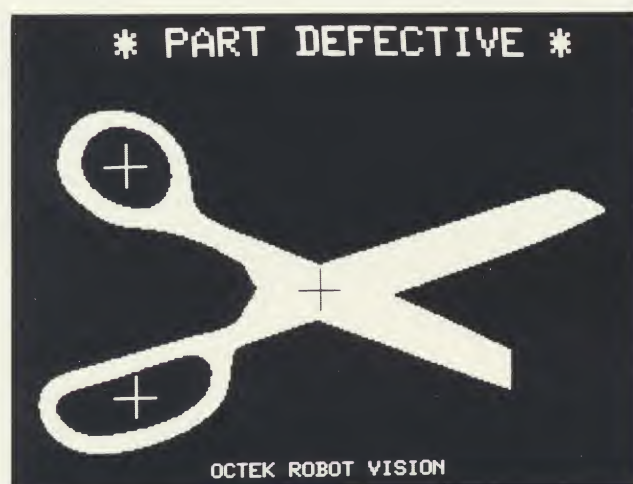
2-16K (for Nova)

THE OCTEK 4200 ROBOT VISION MODULE

**Provides Cost Effective Visual Monitoring By
Computer In A Wide Range Of Automatic
Manufacturing And Inspection Processes**

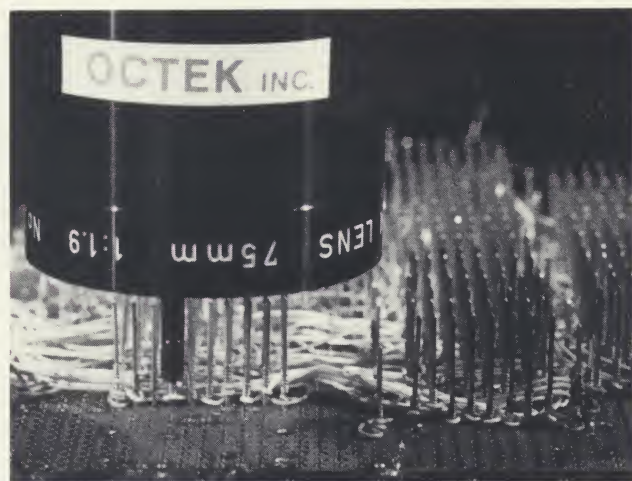
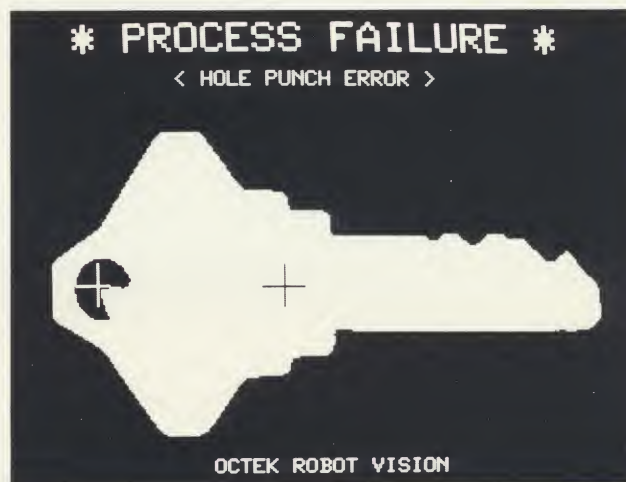
PRODUCT INSPECTION

The Octek 4200 can visually inspect parts for size, shape, or hole defects.



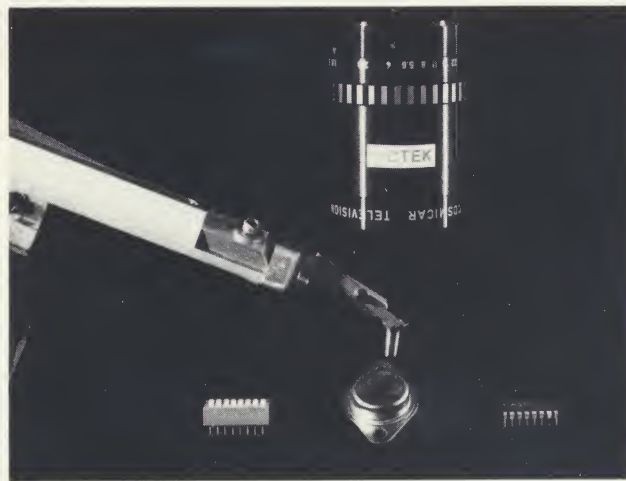
PROCESS VERIFICATION

The Octek 4200 can visually verify that a specific manufacturing operation was successfully performed.



PROCESS CONTROL

The Octek 4200 can direct and control an industrial process by visually monitoring the results of that process.



MACHINE VISION

The Octek 4200 can visually recognize and sort parts, check part orientation, and guide robot arms.



OCTEK INC.

Your Questions Answered . . .

WHAT IS THE OCTEK 4200 ROBOT VISION MODULE?

The Octek 4200 is a combination of the Octek Model 2000 Video Image Analyzer and a new high level image analysis software module. This combination gives a computer visual analysis capability.

WHAT DOES THE OCTEK 4200 ROBOT VISION MODULE DO?

When combined with a TV camera and any D.G. minicomputer the Octek 4200 visually counts objects and determines each object's size, shape and orientation. Additionally, it counts the number of holes in each object and classifies the size, shape, orientation, etc., of each hole.

WHAT CAN I DO WITH THE OCTEK 4200?

Some typical applications are:

- **Product Inspection**
 - Integrity and completeness
 - Cracks and burrs
 - Size and shape defects
 - Hole size, shape and placement
- **Robot and Machine Control**
 - Fastening operations
 - Parts sorting
 - Automated assembly
 - Parts positioning

HOW FAST CAN IT WORK?

Speed is somewhat dependent on the particular application and the geometric precision required. Many applications can be handled in fractions of a second.

HOW EASY IS THE OCTEK 4200 TO USE?

The Octek 4200 is easy to install in any Data General Computer. Programming is done in Fortran, using a powerful library of Octek supplied software modules.

WHAT PROGRAMMING HELP IS AVAILABLE?

Octek offers, on a fee basis, consulting services to assist customers with their application requirements.

WHAT DOES IT COST ME TO GET STARTED?

The Model 4200 Robot Vision Module is priced at less than \$10,000 in single unit quantity and less than \$5,500 in volume quantity. Full production inspection systems can be configured for under \$13,000 in volume.

Please call us with your application.



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